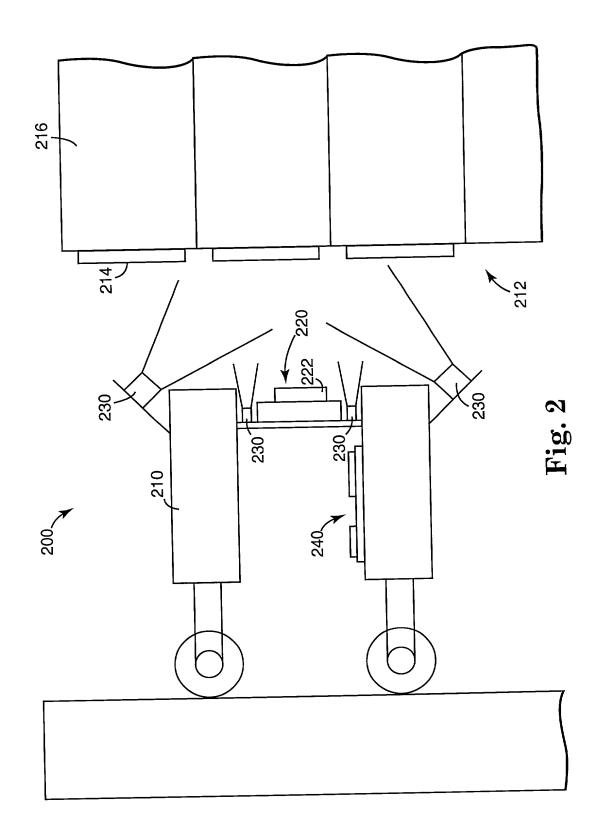
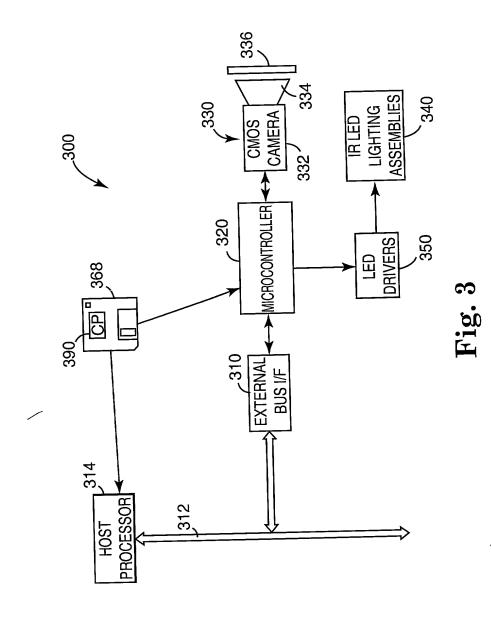


Fig. 1





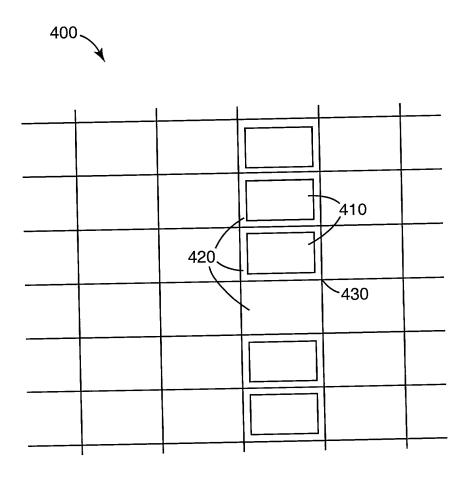
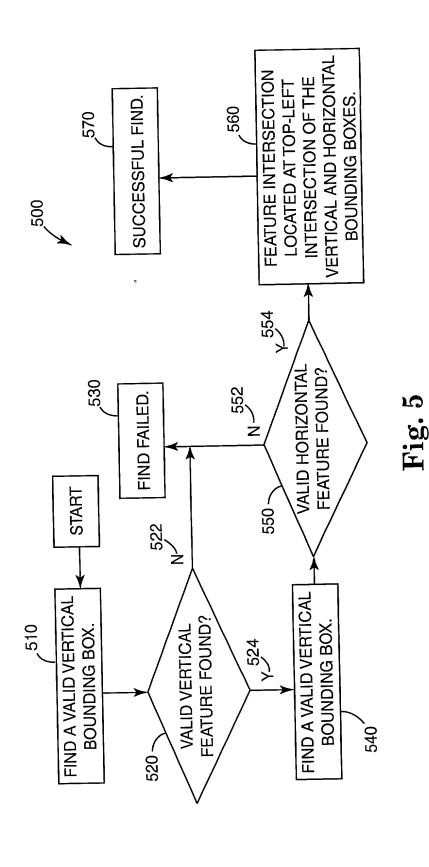
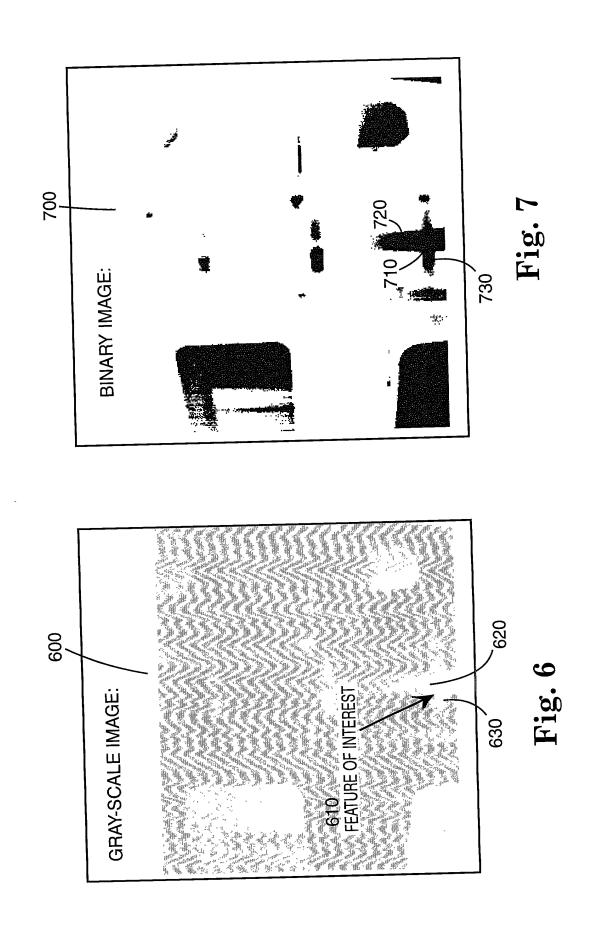


Fig. 4





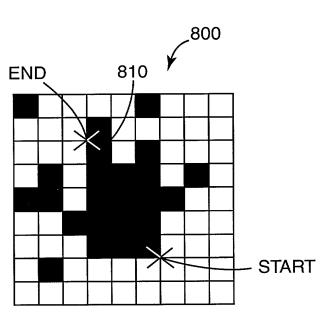


Fig. 8

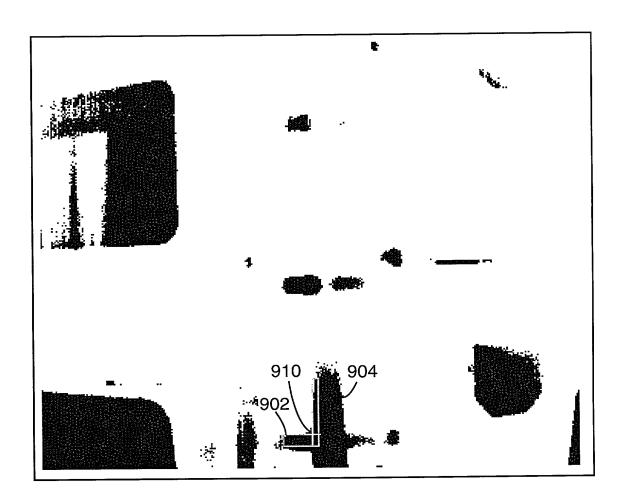


Fig. 9

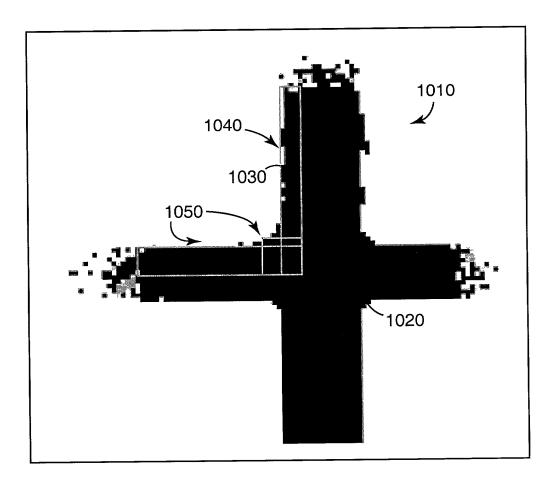


Fig. 10

VERTICAL BOUNDING BOX STATE MACHINE:

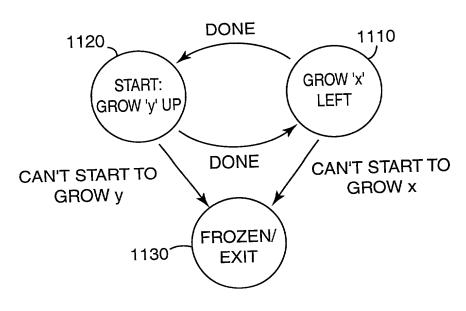
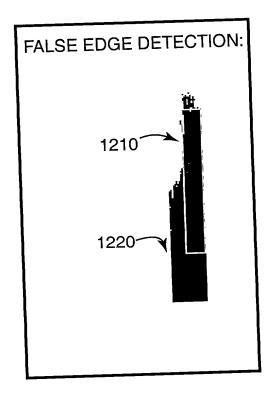


Fig. 11



DETECTED EDGE

ACTUAL EDGE

TRUE EDGE DETECTION:

Fig. 12a

Fig. 12b

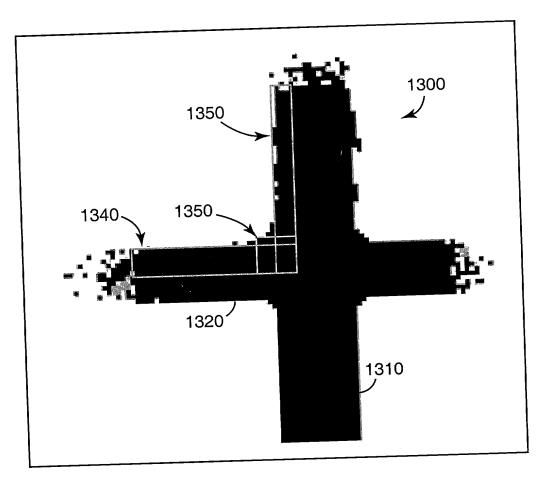


Fig. 13

HORIZONTAL BOUNDING BOX STATE MACHINE

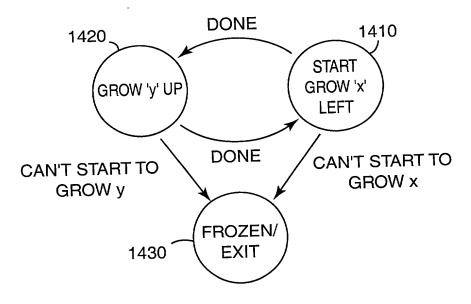


Fig. 14